To The Hone 1013.	35608 and Trademarks:					
Please record the attached o	riginal documents or copy thereof.					
1. Name of conveying party(ies):	party(ies):					
HENDRIK F. HAMANN, YVES MARTIN, Hemantha kumar wickramasinghe	Name: International Business Machines Corporation 4 Address: New Orchard Road Armonk, NY 10504					
Additional name(s) of conveying party(ies) attached?Yes _X_No	Additional name(s) & addresses					
3. Nature of conveyance:	4. Patent Application number(s)					
X Assignment	/					
Execution Date(s): <u>March 30, 2000</u> . March 31, 2000, March 30, 2000	Execution Date(s): <u>March 30, 2000</u> , March 31, 2000, March 30, 2000					
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications involved: 1					
Name: STEPHEN C. KAUFMAN Address: IBM Corporation	7. Total fee (37 CFR 3.41): \$40.00					
Intellectual Property Law P.O. Box 218 Yorktown Heights, NY 10598	X Charge to Deposit Account No.: 09-0468_					
DO NOT	USE THIS SPACE					
8. Statement and signature.						
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of original document.						
STEPHEN C. KAUFMAN (Reg. No. 29,551) Name of Person Signing	Signature 1/3//00					
attachments, and doc	s including cover sheet,					
2000 TTUNII 00000273 090468 09540786	DETACH THIS PORTION					
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Express Label EL549238531US Date of Deposit: March 31, 2000

PATENT REEL: 010722 FRAME: 0667

(JOINT	FORM)
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Assignment

	ASSIGNMENC					
	Whereas, we					
Inventor And City	(1) Hendrik F. Hamann County of Westchester	of Mohegan Lake and State of New York				
INVENTOR						
AND CITY (2) Yves Martin County of Westchester		of Ossining and State of New York				
INVENTOR						
AND CITY	(3) Hemantha K. Wickramasinghe County of Westchester	of Chappaqua and State of New York				
TITLE	READING OF DATA and executed, respectively, a United States patent application therefor on					
DATES THAT INVENTORS SIGNED THE DECLARATION	(1) March 30, 2000, (2) ne (3) March 30, 2000.	reh 31, 2000, and				

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said applications to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed

CITY AND DATE	(1) at forkfrom Hts my on 3/30, 2000,	Haudrich Hamanis			SIGNATURE
07.10		Hendrik	F.	Hamann	
		FIRST NAME	MIDDLE INITIAL	LAST NAME	

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(IBM Docket) YOR9-2000-0180US1 Page 2 of 2

MIDDLE INITIAL LAST NAME FIRST NAME

(3) at 4 4 6 + 7 2 1 1 4 5, 14 1 on 3/30, 2000, CITY AND DATE

HK Wirken SIGNATURE Wickramasinghe Hemantha LAST NAME FIRST NAME MIDDLE INITIAL

State of New Jok County of West chester.

On this 2 day of March, 2000, before me personally came HENDRIK HAMANN to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

)ss.:)

State of han yok. County of hight chaster)ss.:

Kachleen Cognatite KATHLEEN COGNATELLO NOTARY PUBLIC, Slate of New York No. 01CO6034770

On this 31" day of Manh , 2000, before me personally came YVES MARTIN to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

)ss.:

)

Kittler Cognetets

State of New York County of Westchester-

KATHLEEN COGNATELLO York PUBLIC, State of I No. 01CO8034770 a

On this 't' day of) March , 2000, before me personally came HEMANTHA K. WICKRAMASINGHE to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Kacklain Cognititle Notary

KATHLEEN COGNATELLO ARY PUBLIC, State of New No. 01CO6034770 id in W ion Exci PATENT

REEL: 010722 FRAME: 0669

(1)

(2)

(3)

RECORDED: 03/31/2000